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## PREFACE

### PURPOSE

This manual is a guide for commanders, staff officers, and other persons concerned with planning, organizing, and operating an Army water supply system in a TO. Concepts and doctrine are presented to enable the planner to design a water purification, storage, and distribution system that will ensure units can provide necessary water support to US forces.

### SCOPE

The doctrine in this manual is oriented toward operations in a tactical theater and in field training exercises. Water supply at fixed and semifixed installations and in peacetime garrison operations is a Corps of Engineers responsibility and is discussed in depth in the TM 5-813 "Water Supply" series manuals and FM 5-104. Doctrine for the development and operation of a theater water supply system is discussed separately for arid and nonarid regions in both developed and undeveloped theaters. Doctrine for the employment and operation of water point equipment will be in FM 10-52-1 when printed.

Planning factors for water supply in arctic, arid, temperate, and tropical climates are presented for use by logistics planners. Responsibilities for the command, control, and operation of water units in the theater are discussed in detail. Potable water quality standards and surveillance practices are presented. Procedures for management and accountability of water supplies are discussed. The systems described are applicable in LIC, conventional warfare, and operations in an NBC environment on the integrated AirLand battlefield. This manual may not be cited as authority for requesting personnel or equipment.

### USER INFORMATION

The proponent of this publication is HQ TRADOC. Users of this manual are encouraged to recommend changes and submit comments for its improvement. Key comments to the specific page and paragraph in which the change is recommended. Provide a reason for each comment to ensure understanding and complete evaluation. To send changes or comments, prepare DA Form 2028 (Recommended Changes to Publications and Blank Forms) and forward it to:

*Commander  
US Army Quartermaster Center and School (Provisional)  
ATTN: ATSM-DTP  
Fort Lee, VA 23801-5036*

### INTERNATIONAL AGREEMENTS

The provisions of this publication are the subject of the following international agreements:

*STANAG 2136-Minimum Standards of Water Potability  
STANAG 2885-Procedures for the Treatment, Acceptability and Provision of  
Potable Water in the Field  
QSTAG 245-Minimum Requirements for Water Potability (Short and  
Long Term Use)  
QSTAG 479-Water Quality Analysis Set (Engineer and Preventive Medicine)*

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**Unless otherwise stated, whenever the masculine gender is used, both men and women are included**

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